HAP7 Rec'd PCT/PTO 01 FEB 2006

CGL02/0396W001 A55-522.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rogers et al.

Application No. 10/533,477

Filed: April 29, 2005 Confirmation No. 4053

for: MULTIPLE COMPONENT FOOD

PRODUCT USEFUL FOR DELIVERING GLUCOSAMINE AND/OR N-ACETYL-D-

GLUCOSAMINE AND/OR N-ACET

GLUCOSAMINE

Examiner: Not yet assigned

Art Unit: 1617

Attorney Reference No. 6682-66959-02

CERTIFICATE OF MAILING

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Attorney or Agent for Applicant(s)

Date Mailed January 27.

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language and/or non-English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A duplicate copy of this Information Disclosure Statement is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

Respectfully submitted,

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cc: Docketing

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	6682-66959-02
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Filing Date	April 29, 2005
First Named Inventor	Rogers
Art Unit	1617
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

	te No. tional)	Number	Publication Date	Name of Applicant or Patentee
/PEZ/	2,0	40,879	05/19/1936	Rigby
9000000	3,2	32,836	02/01/1966	Carlozzi et al.
000000000000000000000000000000000000000	3,6	32,754	01/04/1972	Balassa
000	3,6	83,076	8/1972	Rovati
2000	3,9	03,268	09/02/1975	Balassa
2000	3,9	11,116	10/07/1975	Balassa
000	3,9	14,413	10/21/1975	Balassa
000	4,0	56,432	11/01/1977	Slagel et al.
	4,2	82,351	08/04/1981	Muzzarelli
	4,6	42,340	02/10/1987	Senin et al.
	4,8	06,474	02/21/1989	Hershberger
	4,8	86,541	12/12/1989	Hadwiger
	4,9	48,881	08/14/1990	Naggi et al.
	4,9	70,150	11/13/1990	Yaku et al.
900	4,9	83,304	01/08/1991	Tsugita et al.
000	5,2	19,749	06/15/1993	Bouriotis et al.
	5.2	32,842	08/03/1993	Park et al.

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/Paul Zarek/

DATE CONSIDERED:

11/10/2008

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			, , ,
/PEZ/	5,262,310	11/16/1993	Karube et al.
0000000000	5,520,933	05/28/1996	Yoshida et al.
000000000000000000000000000000000000000	5,702,939	12/30/1997	Fujishima et al.
000000000000000000000000000000000000000	5,730,876	03/24/1998	You et al.
000000000000000000000000000000000000000	5,843,923	12/01/1998	Schleck et al.
	5,859,263	01/12/1999	Ghorpade et al.
	5,902,801	05/11/1999	Schleck et al.
900	5,905,035	05/18/1999	Okada et al.
0000	5,985,644	11/16/1999	Roseman et al.
8	5,998,173	12/07/1999	Haynes et al.
	6,117,851	09/12/2000	Sherman et al.
0000	6,248,570	06/19/2001	Michon et al.
	6,333,399	12/25/2001	Teslenko et al.
3887			

FOREIGN PATENT DOCUMENTS

Examine Initials		Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/PEZ	7/		EP	0 566 349	10/1993	Mitsubishi Petrochemical Co.
30000000			EP	0 768 320	4/1997	Nippon Oil Co. Ltd.
			EP	0 885 954 A1	12/23/1998	Nestle SA
000000000000000000000000000000000000000			EP	0 997 480	5/2000	Maruzen Petrochem Co. Ltd.
V	/		Great Britain	458,839	12/21/1936	Du Pont

EXAMINER SIGNATURE:

/Paul Zarek/

DATE CONSIDERED:

11/10/2008

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SLR:dm 01/26/06 6682-66959-02 451396 CGL02/0396WO01 A55-522.2

521ddiii	6682-66959-02 451396 CC	300.0030	Attorney Docket N	lumber	6682-66959-02
			Application Numb	er	10/533,477
INFORMA	TION DISCLOSUR	E STATEMENT	Filing Date		April 29, 2005
	BY APPLICANT			tor	Rogers
			Art Unit		1617
			Examiner Name		Not yet assigned
	Great Britain 785,525			10/30/1957 American Home Prod	
/PEZ/	Great Britain	Great Britain 783,323		Allici	ican frome frod
200000000000000000000000000000000000000	Great Britain	833,264	04/21/1960 Ciba		Ltd.
000000000000000000000000000000000000000	Great Britain	896,940	05/23/1962	Pfizer	& Co C
000000000000000000000000000000000000000	Japan	53-020443 AWe do not have an English abstract for this	02/24/1978	Asam	a Kasei KK
000000000000000000000000000000000000000	Japan	55012109 (Abstract)	01/28/1980	Kogy	o Gijutsuin
000000000000000000000000000000000000000	Japan	62070401 A2 (Abstract)	03/31/1987	Fuji S	pinning Co. Ltd.
	Japan	63097633 A2 (Abstract)	04/28/1988	Fuji Spinning Co. Ltd. Nitta Gelatin KK	
00000000000	Japan	63225602 A2 (Abstract)	09/20/1988		
000000000000000000000000000000000000000	Japan	2149335 A2 (Abstract)	06/07/1990	Nippo	on Oils & Fats Co. Ltd.
	Japan	2180903 A2 (Abstract)	07/13/1990	Nippo	on Oils & Fats Co. Ltd.
	Japan	2200196 A2 (Abstract)	08/08/1990	Nippo	on Kayaku KK
	Japan	2229832 A2 (Abstract)	09/12/1990	Fuji S	pinning Co. Ltd.
	Japan	2258740 A2 (Abstract)	10/19/1990	Taiyo	Kagaku Kogyo Co. Ltd.
	Japan	5068580 A2 (Abstract)	10/23/1993	Pias A	Arise KK
000000000000000000000000000000000000000	Japan	7330808 A2 (Abstract)	12/19/1995	Daini	chiseika Color Chem.
200000000000000000000000000000000000000	Japan	8-41106 A (Translation)	02/13/1996		
V	Japan	10297913 A2 (Abstract)	11/19/1998	Kawa	ken Fine Chemicals Co.

EXAMINER /Paul Zarek/ SIGNATURE:	DATE 11/10/2008 CONSIDERED:
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^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

SLR:dm 01/26/06 6682-66959-02 451396 CGL02/0396WO01 A55-522.2 6682-66959-02 Attorney Docket Number 10/533,477 **Application Number** Filing Date April 29, 2005 INFORMATION DISCLOSURE STATEMENT BY APPLICANT First Named Inventor Rogers 1617 Art Unit Not yet assigned **Examiner Name** 2001-000158 A 01/09/2001 Suntory Ltd. Japan /PEZ/ WIPO **Bio-Technical Resources** WO 98/30713 7/1998 10/01/1998 University of Strathclyde WIPO WO 98/42755 Exxon Chemical Patents Inc. WIPO WO 99/41294 8/1999 WO 00/04182 01/27/2000 DCV, Inc. d/b/a Bio-Technical **WIPO** Resources Examiner's Cite No. OTHER DOCUMENTS (optional) Initials* Aldrich, Catalog Hand book of Fine Chemicals, p. 756 (1996). /PEZ/ Alonso et al., "Determination of the Degree of Acetylation of Chitin and Chitosan by Thermal Analysis," J. Thermal Analysis 28:189-193 (1983). Arcidiacono et al., "Molecular Weight Distribution of Chitosan Isolated from Mucor rouxii under Different Culture and Processing Conditions," Biotechnol. Bioeng. 39:281-286 (1992). Atrih et al., "Analysis of Peptidoglycan Structure from Vegetative Cells of Bacillus subtilis 168 and Role of PBP 5 in Peptidoglycan Maturation," J. Bacteriol. 181:3956-3966 (1999).Bartnicki-Garcia, "Cell Wall Chemistry, Morphogenesis, and Taxonomy of Fungi," Chem. Fungal Cell Wall, pp. 87-108 (1968). Benjakul et al., "Improvement of Deacetylation of Chitin from Black Tiger Shrimp (Penaeus monodon) Carapace and Shell," ASEAN Food J. 9:136-140 (1994). Beri et al., "Characterization of Chitosans via Coupled Size-Exclusion Chromatography and Multiple-angle Laser Light-Scattering Technique," Carbohydr. Res. 238:11-26 Biermann, "Hydrolysis and Other Cleavage of Glycosidic Linkages," Chapter 3, pp. 29-41 (Date Unknown). Cargill Acidulants, "Proposal for making a "Substantial Equivalence" notification for

EXAMINER /Paul Zarek/ SIGNATURE:	DATE 11/10/2008 CONSIDERED:
----------------------------------	--------------------------------

novel food ingredients," February 5, 2004.

Hydrochloride," April 6, 2004.

Non-Shellfish Glucosamine Hydrochloride under Regulation (EC) No 258/97 for the European Parliament and the Council of 27 January 1997 concerning novel foods and

Cargill, Incorporated, "GRAS NOTIFICATION for REGENASURE™ Glucosamine

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

mb·d 12	01/26/06	6682-66050-02	451306	CGL02/0396WO01	A 55-522 2
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INFORMA	ATION DISCLOSURE STATEMENT	Filing Date			
	BY APPLICANT	First Named Inventor	Rogers		
		Art Unit	1617		
		Examiner Name	Not yet assigned		
/PEZ/	Carlson et al., "Chitin/Chitosan Ext Research, 16 pages (August 1997).		um," Cargill Central		
000000	"Chitin/Chitosan Specifications," B				
***************************************	http://www.biopolymer.com/spec.h				
900000000	Copy of glucosamine product label warning).	from Twinlab Flexi-licious (with shellfish allergy		
000000000000000000000000000000000000000	Copy of glucosamine product label warning).	from HyVee HealthMarket (with shellfish allergy		
000000000000000000000000000000000000000	Copy of glucosamine product label from Osteo Bi-flex (2 pages) (with shellfish allowarning). Database Caplus on STN: Accession No. 1976-519336 (1976). Database Caplus on STN: Accession No. 1999:816485 (1999).				
200000000000000000000000000000000000000					
000000000000000000000000000000000000000					
000000000000000000000000000000000000000	Davies et al., "Determination of the		itin and Chitosan,"		
30000	Methods in Enzymology 161:442-44				
200000000000000000000000000000000000000	Deal et al., "Nutraceuticals as Thera Glucosamine, Chondroitin Sulfate, <i>Am.</i> 25:379-395 (1999).				
000000000000000000000000000000000000000	Department of Health and Human S and Crayfish, FDA News (2002) (a	vailable at			
8		www.fda.gov.bbs.topics/NEWS/2002/NEW00815.html, last visited October 18, 2002).			
000000000000000000000000000000000000000	Domanski et al., "Use of a Chitinas Production from Candida albicans,				
000000000000000000000000000000000000000	Domszy et al., "Evaluation of Infra Chitosan," <i>Makromal. Chem. 186</i> :1		s for Analysing		
	Eichner, "Antioxidative Effect of M. 5:441-451 (1981).	Iaillard Reaction Intermediate	es," Prog. Fd. Nutr. Sci.		
	Farkas, "Fungal Cell Walls: Their S Acta Biotechnol. 10:225-238 (1990)		iotechnological Aspects,		
	Federal Trade Commission, Shark (2002) (available at www.ftc.gov/or	Cartilage Receives 10M Draft			
	Ferrer, "Acid Hydrolysis of Shrimp	-Shell Wastes and the Produc	tion of Single Cell		
V	Protein from the Hydrolysate," <i>Bion</i> Fleet et al., "17 Fungal Glucans - St <i>Physiol. 13B</i> :416-440 (1981).				

EXAMINER SIGNATURE: /Paul Zarek/ CON	TE 11/10/2008 NSIDERED:
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^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Attorney Docket Number	6682-66959-02		
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	BY APPLICANT	First Named Inventor	Rogers		
		Art Unit	1617		
		Examiner Name	Not yet assigned		
/PEZ/	"The Fungal Cell," Chapter 2, pp. 2	3-39 (Date Unknown).			
20000000000	Gassner et al., "Teichuronic Acid R Linked by Phosphodiester to Peptid 172:2273-2279 (1990).				
990000000000000000000000000000000000000		Ghorpade et al., "Industrial Applications for Levulinic Acid," Industrial Agricultural Product Center, University of Nebraska (visited Oct. 8, 2003)			
900	"Glucosamine Hydrochloride," <i>Pha</i>		1450 (2000).		
	Gobin et al., "Structural Chemistry	of Fungal Polysaccharides," p	pp. 367-417 (1968).		
000000000	Gomyo et al., "On the Interaction of 40:33-40 (1976).	Gomyo et al., "On the Interaction of Melanoidin with Metallic Ions," Agr. Biol. Chem. 40:33-40 (1976).			
000000000000000000000000000000000000000	<i>53</i> :3383-3385 (1989).	Hayase et al., "Scavenging of Active Oxygens by Melanoidins," Agric. Biol. Chem.			
000000000000000000000000000000000000000	Huang et al., "Development and Val Assay for Lipophilic Antioxidants U Solubility Enhancer," J. Agric. Food	Jsing Randomly Methylated			
000000000000000000000000000000000000000	Huang et al., "High-Throughput Ass Using a Multichannel Liquid Handl	Huang et al., "High-Throughput Assay of Oxygen Radical Absorbance Capacity (ORA Using a Multichannel Liquid Handling System Coupled with a Microplate Fluorescenc Reader in 96-Well Format," <i>J. Agric. Food Chem.</i> 50:4437-4444 (2002).			
	Jacobson, "Berichte der Deutschen (German).	Chemischen Gesellschaft," pp	o. 2192-2200 (1898)		
	Integrative Medicine, 58-65 (available Feb./Mar. 2003).	Jeremy Appleton, <i>Inadequate Screening of Imported Food and Dietary Supplements</i> , 2 Integrative Medicine, 58-65 (available at www.ifr.bbsrc.ac.uk/protall/infosheet.htm ,			
***************************************	Johnston et al., "The Composition o 96:651-658 (1965).				
800000000000000000000000000000000000000	Kimura et al., "Determination of the Chitosanase Derived from Aspergill Chemistry Letters, pp. 223-226 (199	us Oryzae by Thin Layer Chi			
	Kostina et al., "Chitin of mycelial fu Mikrobiol. Abstract (1978), 14(4), 5	ingi of the Penicillium genus,	" Prikl. Biokhim.		
V	Kurita, "Controlled Functionalizatio 26:1921-1971 (2001).		n," Prog. Polym. Sci.		

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

SLR:dm 01/26/06 6682-66959-02 451396 CGL02/0396WO01 A55-522.2

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	BY APPLICANT	First Named Inventor	Rogers		
		Art Unit	1617		
		Examiner Name	Not yet assigned		
/PEZ/	Kurita et al., "Studies on Chitin, 3,	-	• `		
	glucosamine), from the Water-Solul				
9000	Kurita et al., "Studies on Chitin, 4, 1				
00000000	Copolymers of N-Acetyl-D-Glucosa Homogeneous Hydrolyses," Makrot	•			
	Maghami et al., "Evaluation of the				
8000000	Chem. 189:195-200 (1988).	viscometric Constants for Ci	ntosan, wakromoi.		
	Maitre et al., "Primary T-Cell and A	Activated Macrophage Respon	nse Associated with		
50000000	Tumor Protection Using Peptide-Po				
800000	Res. 5:1173-1182 (1999).				
	Mima et al., "Highly Deacetylated Chitosan and Its Properties," J. Appl. Polymer Sci.				
	28:1909-1917 (1983).				
	Muzzarelli et al., "Chelating, Film-Forming, and Coagulating Ability of the Chitosan-				
	Glucan Complex from <i>Aspergillus niger</i> Industrial Wastes," <i>Biotechol. Bioeng. XXII</i> :885-896 (1980).				
	Nanjo et al., "Purification, Properties, and Transglycosylation Reaction of β -N-				
	Acetylhexosaminidase from Nocardia orientalis," Agricult. Biol. Chem. 54:899-906 (1990).				
	Nanjo et al., "Purification and Chara				
	Type of Enzyme, from <i>Nocardia orientalis</i> ," <i>J. Biol. Chem. 265</i> :10088-10094 (1990). Nanjo et al., "Enzymatic Method for Determination of the Degree of Deacetylation of				
000	Chitosan," Anal. Biochem. 193:164-167 (1991).				
	Nguyen et al., "Composition of the 50:206-212 (1998).		Species," Abstract		
	Nikolaeva et al., CAPLUS Abstract	, AN 1968:62461 (1968).			
	Nikolaeva et al., "Preparation of glu Tr. Vses. Nauchno Issled. Inst. Mor (Abstract).		· ·		
	Nilsson et al., "Chitin as an indicator of the biomass of two wood-decay fungi in relation				
000000000000000000000000000000000000000	to temperature, incubation time, and Microbiology, (1998), Vol. 44, No.	l media composition," Abstra			
	Niola et al., "A Rapid Method for the Chitin-Chitosan Samples by Acid H (1993).	ne Determination of the Degr	•		
V	No et al., "Preparation and Characte Food Prod. Technol. 4:27-51 (1995)		an - A Review," J. Aquat		
EXAMINER	(5)	DATE 11/	10/2008		

	EXAMINER SIGNATURE: /F	Paul Zarek/	DATE CONSIDERED:	11/10/2008
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CI D.dm	01/26/06	6682 66050 02	451206	CGL02/0396WO01	A 55 522 2
SLK:am	U1/20/U0	0082-00939-02	431390	CGE02/0396WO01	A33-322.2

		Attorney Docket Number	6682-66959-02		
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BY APPLICANT		First Named Inventor	Rogers		
		Art Unit	1617		
		Examiner Name	Not yet assigned		
/PEZ/	Nogawa et al., "Purification and Characterization of Exo-β-D-Glucosaminidase from a Cellulolytic Fungas <i>Trichoderma reesei</i> PC-3-7," <i>Appl. Environ. Microbiol.</i> 64:890-895 (1998).				
SOCOODOOO	Novikov et al., "Synthesis of D(+)-C 70:1467-1470 (1997).	· · · · · · · · · · · · · · · · · · ·			
000000000000000000000000000000000000000	Novikov, "Kinetics of formation of I Russian Journal Abstract (Sankt-Peters)				
000000000000000000000000000000000000000	Ottoy et al., "Preparative and Analyt Carbohydr. Polymers 31:253-261 (1	ical Size-Exclusion Chromat			
	Ou et al., "Analysis of Antioxidant Activities of Common Vegetables Employing Oxygen Radical Absorbance Capacity (ORAC) and Ferric Reducing Antioxidant Power (FRAP) Assays: A Comparative Study," J. Agric. Food Chem., 7 pp. (2002).				
	Pelletier et al., "Chitin/Chitosan Transformation by Thermo-Mechano-Chemical Treatment Including Characterization by Enzymatic Depolymerization," <i>Biotechnol. Bioeng.</i> 36:310-315 (1990).				
	Plassard et al., "Estimation of mycelial growth of basidiomycetes by means of chitin determination," Abstract, Phytochemistry (Oxford) (1982), Vol. 21, No. 2, 345-349.				
	Rege et al., "Chitosan Processing: Influence of Process Parameters During Acidic and Alkaline Hydrolysis and Effect of the Processing Sequence on the Resultant Chitosan's Properties," <i>Carbohydr. Res.</i> 321:235-245 (1999).				
	Roberts et al., "Determination of the Viscomtric Constants for Chitosan," <i>Int. J. Biol.</i> 4:374-377 (1982).				
	Rokem et al., "Degradation of Fungal Cell Walls Taking into Consideration the Polysaccharide Composition," Enzyme Microb. Technol. 8:588-592 (1986).				
	Ruiz-Herrera, "Chemical Components of the Cell Wall of Aspergillus Species," Arch. Biochem. Biophys. 122:118-125 (1967).				
	Sabnis et al., "Improved Infrared Spe Deacetylation of Chitosan," Polymen	ectroscopic Method for the A	analysis of Degree of N-		
	Sakai et al., "Purification and Hydro orientalis," Biochimica et Biophysica	a Acta 1079:65-72 (1991).			
000000000000000000000000000000000000000	Sannan et al., "Studies on Chitin, 2, <i>Chem. 177</i> :3589-3600 (1976).				
000000000000000000000000000000000000000	Shahidi et al., "Food Applications of 10:37-51 (1999).				
	Shu, "Degradation Products Formed Chem. 46:1129-1131 (1998).	from Glucosamine in Water	," J. Agricult. Food		

EXAMINER SIGNATURE:	/Paul Zarek/	DATE CONSIDERED:	11/10/2008
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^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			Filing Date	April 29, 2005
INFOR	Rogers			
	_	BY APPLICANT	First Named Inventor Art Unit	1617
			Examiner Name	Not yet assigned
/PEZ/ Sigma, Biochemicals and Reagents,			L	, ,
000000000000000000000000000000000000000		Stagg et al., "The Characterization of Aspergillus Niger," 320:64-72 (19		can from the Cell Walls
		Stainer et al., "The Microbial World		2-336 (1970).
		Tan et al., "The Degree of Deacetyla UV-Spectrophotometry Method of I		_
		Wessels et al., "15 Fungal Cell Wall Carbohydrates, pp. 352-394 (1981).		
		Wu et al., "Determination of Molecu Performance Liquid Chromatograph		
X-000000000000000000000000000000000000		Xianchang Gong, Heavy Metal Contregarding a crab shell glucosamine p	taminates in the Glucosamine	
000000000000000000000000000000000000000		Yang et al., "Acidic hydrolysis and of Journal Abstract, Chinese Agricultur	letermination of fungal myce	
		Yen et al., "Antioxidant and Prooxid Products," The Maillard Reaction in 236 (1998).	lant Activity of Xylose-Lysir	ne Maillard Reaction
000000000000000000000000000000000000000		Yen et al., "Antioxidative Activity a Lysine Maillard Reaction Products,"		
V				

EXAMINER SIGNATURE:	/Paul Zarek/	DATE CONSIDERED:	11/10/2008

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.